

**=> IFW:    Scan as Doc Code: SRNT    <=  
             Doc Date: 3/15/06**

## **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

---

**Serial Number: 10/736662**

**1.) See attached printout of inventors listed in  
PALM**

**2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**

|                         |              |          |    |   |           |                       |                                   |
|-------------------------|--------------|----------|----|---|-----------|-----------------------|-----------------------------------|
| US<br>20060041749<br>A1 | US-<br>PGPUB | 20060223 | 24 | Method and system for improved communication network setup  | 713/168   |                       | Ptasinki;<br>Henry S. et al.      |
| US<br>20060041663<br>A1 | US-<br>PGPUB | 20060223 |    | LOCATION BASED DYNAMIC INFORMATION SERVICES   | 709/226   | 707/3;<br>709/200     | BROWN;<br>David et al.            |
| US<br>20060039562<br>A1 | US-<br>PGPUB | 20060223 |    | Method and system for secure management and communication utilizing configuration network setup in a WLAN | 380/270   |                       | Cohen;<br>David                   |
| US<br>20060039339<br>A1 | US-<br>PGPUB | 20060223 |    | Method and system for automatic registration security   | 370/338   | 455/433               | Cohen;<br>David<br>Lawrence       |
| US<br>20060039306<br>A1 | US-<br>PGPUB | 20060223 |    | Method and system for improved authentication for communications network setup                            | 370/310   |                       | Iyer; Mahesh<br>et al.            |
| US<br>20060037165<br>A1 | US-<br>PGPUB | 20060223 |    | Dental wipe   | 15/227    |                       | McDevitt;<br>Jason P. et al.      |
| US<br>20060019406<br>A1 | US-<br>PGPUB | 20060126 |    | Lateral flow device for the detection of large pathogens  | 436/514   |                       | Wei; Ning et al.                  |
| US<br>20060019265<br>A1 | US-<br>PGPUB | 20060126 |    | Transmission-based luminescent detection systems  | 435/6     | 435/287.2;<br>436/514 | Song;<br>Xuedong et al.           |
| US<br>20060009879<br>A1 | US-<br>PGPUB | 20060112 |    | Programming and diagnostic tool for a mobile robot  | 700/245   | 700/250               | Lynch;<br>James<br>Kenneth et al. |
| US<br>20060005312<br>A1 | US-<br>PGPUB | 20060112 |    | System and method for measuring and monitoring overflow or wetness conditions in a washroom               | 4/668     |                       | Reddy;<br>Kiran K. et al.         |
| US<br>20060003336<br>A1 | US-<br>PGPUB | 20060105 |    | One-step enzymatic and amine detection technique  | 435/6     | 435/23;<br>435/7.92   | Song;<br>Xuedong et al.           |
| US<br>20050266507<br>A1 | US-<br>PGPUB | 20051201 |    | Antibody pair screening methods   | 435/7.93  |                       | Boga,<br>RameshBabu               |
| US<br>20050244953<br>A1 | US-<br>PGPUB | 20051103 |    | Techniques for controlling the optical properties of assay devices  | 435/287.2 |                       | Cohen,<br>David<br>Samuel         |
| US<br>20050244952       | US-<br>PGPUB | 20051103 |    | Electroluminescent illumination source for  | 435/287.2 |                       | Cohen,<br>David                   |

|                         |              |          |  |   |            |                                |  |                             |
|-------------------------|--------------|----------|--|---|------------|--------------------------------|--|-----------------------------|
| A1                      |              |          |  | optical detection systems   |            |                                |  | Samuel                      |
| US<br>20050244434<br>A1 | US-<br>PGPUB | 20051103 |  | Tat-based tolerogen compositions and methods of making and using same                     | 424/208.1  | 435/456                        |  | Cohen, David I.             |
| US<br>20050244402<br>A1 | US-<br>PGPUB | 20051103 |  | Absorption of pain-causing agents   | 424/130.1  |                                |  | Villanueva, Julie M. et al. |
| US<br>20050243321<br>A1 | US-<br>PGPUB | 20051103 |  | Transmission-based optical detection systems  | 356/432    |                                |  | Cohen, David Samuel et al.  |
| US<br>20050239710<br>A1 | US-<br>PGPUB | 20051027 |  | Anti-aging and wound healing compounds  | 514/13     | 530/326                        |  | Quirk, Stephen et al.       |
| US<br>20050235581<br>A1 | US-<br>PGPUB | 20051027 |  | System for production of standard size dwellings using a satellite manufacturing facility | 52/79.1    |                                |  | Cohen, David L. et al.      |
| US<br>20050226890<br>A1 | US-<br>PGPUB | 20051013 |  | Tat-based vaccine compositions and methods of making and using same                       | 424/188.1  | 435/5                          |  | Cohen, David I.             |
| US<br>20050218852<br>A1 | US-<br>PGPUB | 20051006 |  | Debris sensor for cleaning apparatus  | 318/580    |                                |  | Landry, Gregg W. et al.     |
| US<br>20050215871<br>A1 | US-<br>PGPUB | 20050929 |  | Analyte sensor, and associated system and method employing a catalytic agent              | 600/309    | 204/403.01; 600/345            |  | Feldman, Benjamin J. et al. |
| US<br>20050208482<br>A1 | US-<br>PGPUB | 20050922 |  | Tat-based immunomodulatory compositions and methods for their discovery and use           | 435/5      |                                |  | Cohen, David I.             |
| US<br>20050204310<br>A1 | US-<br>PGPUB | 20050915 |  | Portable medical information device with dynamically configurable user interface          | 715/821    | 715/713; 715/811; 715/854      |  | De Zwart, Aga et al.        |
| US<br>20050204066<br>A9 | US-<br>PGPUB | 20050915 |  | Cableran home networking over coaxial cables  | 709/249    | 710/313                        |  | Cohen, David et al.         |
| US<br>20050195079<br>A1 | US-<br>PGPUB | 20050908 |  | Emergency situation detector  | 340/539.12 | 340/539.13; 340/573.1; 600/300 |  | Cohen, David                |
| US<br>20050192846<br>A1 | US-<br>PGPUB | 20050901 |  | Time coordination and synchronization of event times in electronic medical records        | 705/3      | 707/101                        |  | De Zwart, Aga et al.        |

|                         |              |          |  |  |           |   |  |
|-------------------------|--------------|----------|--|--|-----------|---|--|
| US<br>20050191704<br>A1 | US-<br>PGPUB | 20050901 |  | Assay devices utilizing<br>chemichromic dyes   | 435/7.1   | 435/34  | Boga,<br>RameshBabu<br>et al.                    |
| US<br>20050162119<br>A1 | US-<br>PGPUB | 20050728 |  | DEBRIS SENSOR<br>FOR CLEANING<br>APPARATUS   | 318/580   |   | Landry,<br>Gregg W. et<br>al.                    |
| US<br>20050156562<br>A1 | US-<br>PGPUB | 20050721 |  | Autonomous robot<br>auto-docking and<br>energy management<br>systems and methods                         | 320/107   |   | Cohen,<br>David A. et<br>al.                     |
| US<br>20050137540<br>A1 | US-<br>PGPUB | 20050623 |  | Bacteria removing<br>wipe  | 604/360   |   | Villanueva,<br>Julie M. et<br>al.                |
| US<br>20050136553<br>A1 | US-<br>PGPUB | 20050623 |  | Self-contained swab-<br>based diagnostic<br>systems  | 436/518   | 604/1   | Kaylor,<br>Rosann<br>Marie<br>Matthews et<br>al. |
| US<br>20050136550<br>A1 | US-<br>PGPUB | 20050623 |  | Flow control of<br>electrochemical-based<br>assay devices  | 436/514   | 435/14  | Yang,<br>Kaiyuan et<br>al.                       |
| US<br>20050136529<br>A1 | US-<br>PGPUB | 20050623 |  | Laminated assay<br>devices   | 435/287.1 | 435/14  | Yang,<br>Kaiyuan et<br>al.                       |
| US<br>20050136500<br>A1 | US-<br>PGPUB | 20050623 |  | Flow-through assay<br>devices  | 435/14    | 436/514                                       | Yang,<br>Kaiyuan et<br>al.                       |
| US<br>20050131287<br>A1 | US-<br>PGPUB | 20050616 |  | Detection of premature<br>rupture of the amniotic<br>membrane  | 600/362   | 600/309;<br>600/584                           | Kaylor,<br>Rosann<br>Marie et al.                |
| US<br>20050130522<br>A1 | US-<br>PGPUB | 20050616 |  | Fiber reinforced<br>elastomeric article  | 442/59    | 428/292.1                                     | Yang,<br>Kaiyuan et<br>al.                       |
| US<br>20050130253<br>A1 | US-<br>PGPUB | 20050616 |  | Solvatochromatic<br>bacterial detection  | 435/29    |   | Lye, Jason et<br>al.                             |
| US<br>20050127578<br>A1 | US-<br>PGPUB | 20050616 |  | Method of making<br>fiber reinforced<br>elastomeric articles   | 264/555   | 264/171.1;<br>264/301;<br>264/305;<br>264/306 | Triebes,<br>Thomas<br>Gregory et<br>al.          |
| US<br>20050124072<br>A1 | US-<br>PGPUB | 20050609 |  | Personal care products<br>with visual indicator of<br>vaginitis  | 436/111   |   | Boga,<br>RameshBabu<br>et al.                    |
| US<br>20050112779<br>A1 | US-<br>PGPUB | 20050526 |  | Extension of the<br>dynamic detection<br>range of assay devices  | 436/514   |   | Wei, Ning et<br>al.                              |
| US<br>20050112085<br>A1 | US-<br>PGPUB | 20050526 |  | Odor controlling<br>article including a<br>visual indicating<br>device for monitoring<br>odor absorption | 424/76.1  |   | MacDonald,<br>John Gavin<br>et al.               |
| US                      | US-          | 20050512 |  | Data processing  | 705/37    |   | Sargent,   |

|                         |              |          |  |   |          |                       |                              |
|-------------------------|--------------|----------|--|---|----------|-----------------------|------------------------------|
| 20050102218<br>A1       | PGPUB        |          |  | system, methods and computer program for determining the transaction costs for a linked set of stock transactions |          |                       | Timothy Alan et al.          |
| US<br>20050101841<br>A9 | US-<br>PGPUB | 20050512 |  | Healthcare networks with biosensors   | 600/300  | 604/19;<br>705/2      | Kaylor, Rosann et al.        |
| US<br>20050090104<br>A1 | US-<br>PGPUB | 20050428 |  | Slurry compositions for chemical mechanical polishing of copper and barrier films                                 | 438/689  | 257/E21.304           | Yang, Kai et al.             |
| US<br>20050085739<br>A1 | US-<br>PGPUB | 20050421 |  | Visual indicating device for bad breath   | 600/530  |                       | MacDonald, John Gavin et al. |
| US<br>20050084977<br>A1 | US-<br>PGPUB | 20050421 |  | Method and device for detecting ammonia odors and helicobacter pylori urease infection                            | 436/113  |                       | Boga, RameshBabu et al.      |
| US<br>20050084474<br>A1 | US-<br>PGPUB | 20050421 |  | Method for reducing odor using coordinated polydentate compounds  | 424/76.1 |                       | Wu, Bin et al.               |
| US<br>20050070214<br>A1 | US-<br>PGPUB | 20050331 |  | Uniform fluid distribution and exhaust system for a chemical-mechanical planarization device                      | 451/285  |                       | Marquardt, Dave et al.       |
| US<br>20050065877<br>A1 | US-<br>PGPUB | 20050324 |  | Method and system for distribution of unactivated bank account cards  | 705/39   | 705/43                | Cleary, Michael J. et al.    |
| US<br>20050049157<br>A1 | US-<br>PGPUB | 20050303 |  | Single phase color change agents  | 510/130  |                       | MacDonald, John Gavin et al. |
| US<br>20040259802<br>A1 | US-<br>PGPUB | 20041223 |  | Anti-chondrosarcoma compounds   | 514/16   |                       | Yang, Shu-Ping et al.        |
| US<br>20040208937<br>A1 | US-<br>PGPUB | 20041021 |  | Triggered release from proteinoid microspheres  | 424/491  | 514/12                | Quirk, Stephen               |
| US<br>20040197820<br>A1 | US-<br>PGPUB | 20041007 |  | Reduction of the hook effect in assay devices   | 435/7.1  |                       | Wei, Ning et al.             |
| US<br>20040197819<br>A1 | US-<br>PGPUB | 20041007 |  | Assay devices that utilize hollow particles   | 435/7.1  | 435/287.2;<br>530/410 | Yang, Kaiyuan et al.         |
| US<br>20040153390<br>A1 | US-<br>PGPUB | 20040805 |  | Automated financial instrument exchange apparatus and systems   | 705/37   |                       | Saulys, Vincent V. et al.    |

|                         |              |          |  |   |            |   |                             |
|-------------------------|--------------|----------|--|---|------------|---|-----------------------------|
| US<br>20040152145<br>A1 | US-<br>PGPUB | 20040805 |  | Assay, for detecting, measuring and monitoring the activities and concentrations of proteins and methods of use thereof | 435/7.92   | 435/23  | Feaster, Shawn R. et al.    |
| US<br>20040127421<br>A1 | US-<br>PGPUB | 20040701 |  | Method to increase fibronectin  | 514/13     |   | Malik, Sohail et al.        |
| US<br>20040127420<br>A1 | US-<br>PGPUB | 20040701 |  | Metalloproteinase inhibitors for wound healing  | 514/13     | 530/324   | Quirk, Stephen              |
| US<br>20040126769<br>A1 | US-<br>PGPUB | 20040701 |  | Target recognizing binding agents   | 435/6      | 435/320.1;<br>435/325;<br>435/69.1;<br>530/350;<br>530/388.1;<br>536/23.2 | Quirk, Stephen              |
| US<br>20040126369<br>A1 | US-<br>PGPUB | 20040701 |  | Delivery of peroxide-generating enzymes to the vaginal tract  | 424/94.4   |   | Payne, Richard et al.       |
| US<br>20040121480<br>A1 | US-<br>PGPUB | 20040624 |  | Reduction of the hook effect in membrane-based assay devices  | 436/161    | 422/56;<br>436/169  | Wei, Ning et al.            |
| US<br>20040121438<br>A1 | US-<br>PGPUB | 20040624 |  | Wound care compositions   | 435/184    | 424/94.1;<br>435/320.1;<br>435/325;<br>435/69.1;<br>536/23.2              | Quirk, Stephen              |
| US<br>20040121334<br>A1 | US-<br>PGPUB | 20040624 |  | Self-calibrated flow-through assay devices  | 435/6      | 435/287.2   | Wei, Ning et al.            |
| US<br>20040120915<br>A1 | US-<br>PGPUB | 20040624 |  | Multifunctional compositions for surface applications   | 424/70.13  | 424/70.14;<br>510/189;<br>510/404;<br>510/419                             | Yang, Kaiyuan et al.        |
| US<br>20040116339<br>A1 | US-<br>PGPUB | 20040617 |  | Compounds that bind P2Y2 or P2Y1 receptors  | 514/12     | 514/423;<br>514/424;<br>514/529;<br>514/61;<br>514/63                     | Villanueva, Julie M. et al. |
| US<br>20040115728<br>A1 | US-<br>PGPUB | 20040617 |  | Detecting lipocalin   | 435/7.1    |   | Villanueva, Julie M. et al. |
| US<br>20040106190<br>A1 | US-<br>PGPUB | 20040603 |  | Flow-through assay devices  | 435/287.2  |   | Yang, Kaiyuan et al.        |
| US<br>20040100376<br>A1 | US-<br>PGPUB | 20040527 |  | Healthcare monitoring system  | 340/539.12 | 340/573.1;<br>600/300   | Lye, Jason et al.           |
| US                      | US-          | 20040513 |  | Stamping system for   | 385/78     |   | Barnoski,                   |

|                         |              |          |  |  |           |                          |                           |
|-------------------------|--------------|----------|--|--|-----------|--------------------------|---------------------------|
| 20040091215<br>A1       | PGPUB        |          |  | manufacturing high tolerance parts   |           |                          | Michael K. et al.         |
| US<br>20040078219<br>A1 | US-<br>PGPUB | 20040422 |  | Healthcare networks with biosensors  | 705/2     | 600/300                  | Kaylor, Rosann et al.     |
| US<br>20040063146<br>A1 | US-<br>PGPUB | 20040401 |  | Diffraction-based diagnostic devices   | 435/7.1   | 435/287.2;<br>435/5      | Sayre, Curtis et al.      |
| US<br>20040063139<br>A1 | US-<br>PGPUB | 20040401 |  | Detection and identification of enteric bacteria   | 435/6     | 435/252.3;<br>536/23.7   | Quirk, Stephen            |
| US<br>20040048323<br>A1 | US-<br>PGPUB | 20040311 |  | Antibody pair screening methods  | 435/7.93  |                          | Boga, RameshBabu          |
| US<br>20040045085<br>A1 | US-<br>PGPUB | 20040311 |  | SELF-LOCK HUB UNIT OF LOWER FRAME OF A FOLDABLE PLAYYARD   | 5/99.1    |                          | Yang, Kai-Ming            |
| US<br>20040043512<br>A1 | US-<br>PGPUB | 20040304 |  | Self-calibration system for a magnetic binding assay   | 436/526   |                          | Song, Xuedong et al.      |
| US<br>20040043511<br>A1 | US-<br>PGPUB | 20040304 |  | Membrane-based assay devices   | 436/526   |                          | Song, Xuedong et al.      |
| US<br>20040043507<br>A1 | US-<br>PGPUB | 20040304 |  | Fluidics-based assay devices   | 436/514   | 436/172;<br>436/526      | Song, Xuedong et al.      |
| US<br>20040043502<br>A1 | US-<br>PGPUB | 20040304 |  | Membrane-based assay devices that utilize time-resolved fluorescence   | 436/172   | 436/56                   | Song, Xuedong et al.      |
| US<br>20040037251<br>A1 | US-<br>PGPUB | 20040226 |  | Method and system for transmitting and receiving data in a TDMA frequency hopping system utilizing frequency diversity                               | 370/336   | 370/347;<br>375/132      | Shneyour, Ofer et al.     |
| US<br>20040005681<br>A1 | US-<br>PGPUB | 20040108 |  | Rapid method to make OP detoxifying sponges composed of multiple immobilized enzymes of cholinesterases and OP hydrolases and oximes as reactivators | 435/175   |                          | Gordon, Richard K. et al. |
| US<br>20040002110<br>A1 | US-<br>PGPUB | 20040101 |  | Enhanced diffraction-based biosensor devices   | 435/7.1   |                          | Boga, Rameshbabu et al.   |
| US<br>20040000375       | US-<br>PGPUB | 20040101 |  | Plasma etch chamber equipped with multi-   | 156/345.3 | 156/345.1;<br>156/345.48 | Liu, Hsiang-Hsing et al.  |

|                         |              |          |  |   |           |  |  |                             |
|-------------------------|--------------|----------|--|---|-----------|--|--|-----------------------------|
| A1                      |              |          |  | layer insert ring   |           |  |  |                             |
| US<br>20030234206<br>A1 | US-<br>PGPUB | 20031225 |  | Toothbrush/toothpaste case  | 206/581   | 206/229;<br>206/277  |  | Hetzler,<br>Gayle C. et al. |
| US<br>20030232330<br>A1 | US-<br>PGPUB | 20031218 |  | DETECTION AND IDENTIFICATION OF ENTERIC BACTERIA  | 435/6     | 536/23.7   |  | Quirk,<br>Stephen           |
| US<br>20030215797<br>A1 | US-<br>PGPUB | 20031120 |  | Vaccines and immunotherapeutics derived from the human immunodeficiency virus ( HIV) trans-activator of transcription protein for the treatment and prevention of HIV disease | 435/5     | 424/188.1  |  | Cohen,<br>David I.          |
| US<br>20030207258<br>A1 | US-<br>PGPUB | 20031106 |  | Biomolecule diagnostic devices and method for producing biomolecule diagnostic devices  | 435/5     | 435/287.2;<br>435/6;<br>435/7.31;<br>435/7.32;<br>436/518  |  | Cohen,<br>David et al.      |
| US<br>20030207257<br>A1 | US-<br>PGPUB | 20031106 |  | Diffraction-based diagnostic devices  | 435/5     | 427/2.11;<br>435/287.2;<br>435/6;<br>435/7.31;<br>435/7.32 |  | Cohen,<br>David et al.      |
| US<br>20030207256<br>A1 | US-<br>PGPUB | 20031106 |  | Biomolecule diagnostic devices and method for producing biomolecule diagnostic devices  | 435/5     | 435/7.1;<br>435/7.33;<br>435/7.94;<br>435/7.95             |  | Sayre, Curtis et al.        |
| US<br>20030207255<br>A1 | US-<br>PGPUB | 20031106 |  | Diffraction-based diagnostic devices  | 435/5     | 435/287.2;<br>435/6;<br>435/7.31;<br>435/7.32;<br>436/518  |  | Cohen,<br>David et al.      |
| US<br>20030207254<br>A1 | US-<br>PGPUB | 20031106 |  | Diffraction-based diagnostic devices  | 435/5     | 435/287.2;<br>435/6;<br>435/7.31;<br>435/7.32;<br>436/518  |  | Cohen,<br>David et al.      |
| US<br>20030207253<br>A1 | US-<br>PGPUB | 20031106 |  | Diffraction-based diagnostic devices  | 435/5     | 435/287.2;<br>435/6;<br>435/7.31;<br>435/7.32;<br>436/518  |  | Kaylor,<br>Rosann et al.    |
| US<br>20030206852<br>A1 | US-<br>PGPUB | 20031106 |  | Nickel-rich quaternary metal oxide materials as cathodes for  | 423/594.4 | 429/220;<br>429/221;<br>429/224;                           |  | Yang,<br>Kaiyuan et al.     |



|                         |              |          |  |  |            |  |                                   |
|-------------------------|--------------|----------|--|--|------------|--|-----------------------------------|
|                         |              |          |  | lithium-ion and lithium-ion polymer batteries  |            | 429/229;<br>429/231.1;<br>429/231.2;<br>429/231.3;<br>429/231.5;<br>429/231.6  |                                   |
| US<br>20030166567<br>A1 | US-<br>PGPUB | 20030904 |  | Anti-aging and wound healing compounds   | 514/14     | 435/184;<br>514/15   | Quirk,<br>Stephen et al.          |
| US<br>20030158380<br>A1 | US-<br>PGPUB | 20030821 |  | Modular peptide-based reagent  | 530/350    | 435/320.1;<br>435/325;<br>435/69.1;<br>536/23.1;<br>702/19   | Quirk,<br>Stephen                 |
| US<br>20030148959<br>A1 | US-<br>PGPUB | 20030807 |  | Anti-aging and wound healing compounds   | 514/15     | 435/184;<br>514/16   | Quirk,<br>Stephen et al.          |
| US<br>20030146512<br>A1 | US-<br>PGPUB | 20030807 |  | Conductor abrasiveless chemical-mechanical polishing in integrated circuit interconnects | 257/750    | 257/E21.304;<br>257/E21.583  | Yang, Kai et al.                  |
| US<br>20030139429<br>A1 | US-<br>PGPUB | 20030724 |  | Combinations   | 514/263.22 |  | Cohen,<br>David Saul              |
| US<br>20030138975<br>A1 | US-<br>PGPUB | 20030724 |  | Diagnostic signal amplification with proteinoid microspheres                             | 436/524    |  | Quirk,<br>Stephen                 |
| US<br>20030138570<br>A1 | US-<br>PGPUB | 20030724 |  | Method to prepare diagnostic films using engraved printing cylinders such as rotogravure | 427/2.11   | 101/483;<br>427/2.13;<br>427/256;<br>427/261;<br>427/286;<br>427/287;<br>427/372.2;<br>427/428.06;<br>427/428.17;<br>427/58;<br>435/287.2;<br>435/287.9;<br>435/4; 435/6 | Kaylor,<br>Rosann et al.          |
| US<br>20030129252<br>A1 | US-<br>PGPUB | 20030710 |  | Triggered release from proteinoid microspheres   | 424/499    |  | Quirk,<br>Stephen                 |
| US<br>20030124739<br>A1 | US-<br>PGPUB | 20030703 |  | Polyelectrolytic internal calibration system of a flow-through assay                     | 436/514    |  | Song,<br>Xuedong et al.           |
| US<br>20030119209<br>A1 | US-<br>PGPUB | 20030626 |  | Diagnostic methods and devices   | 436/548    | 435/5;<br>435/7.1;<br>435/7.32;<br>435/975   | Kaylor,<br>Rosann<br>Marie et al. |

|                         |              |          |  |   |            |   |                                   |
|-------------------------|--------------|----------|--|---|------------|---|-----------------------------------|
| US<br>20030119204<br>A1 | US-<br>PGPUB | 20030626 |  | Internal calibration<br>system for flow-<br>through assays  | 436/514    |   | Wei, Ning et<br>al.               |
| US<br>20030119203<br>A1 | US-<br>PGPUB | 20030626 |  | Lateral flow assay<br>devices and methods<br>for conducting assays  | 436/514    |   | Wei, Ning et<br>al.               |
| US<br>20030119202<br>A1 | US-<br>PGPUB | 20030626 |  | Reading device,<br>method, and system for<br>conducting lateral flow<br>assays  | 436/514    |   | Kaylor,<br>Rosann et al.          |
| US<br>20030119073<br>A1 | US-<br>PGPUB | 20030626 |  | Sensors and methods<br>of detection for<br>proteinase enzymes   | 435/7.4    |   | Quirk,<br>Stephen et<br>al.       |
| US<br>20030118480<br>A1 | US-<br>PGPUB | 20030626 |  | Diagnostic device,<br>system and method   | 422/69     | 422/56;<br>422/57;<br>422/82.05;<br>422/82.09;<br>435/287.2;<br>435/287.3;<br>435/287.7;<br>435/287.9;<br>435/288.7 | Kaylor,<br>Rosann<br>Marie et al. |
| US<br>20030118479<br>A1 | US-<br>PGPUB | 20030626 |  | Diagnostic device   | 422/58     | 422/100;<br>422/101;<br>422/55;<br>422/68.1;<br>422/69;<br>436/180  | Quirk,<br>Stephen et<br>al.       |
| US<br>20030114469<br>A1 | US-<br>PGPUB | 20030619 |  | Combinations  | 514/263.22 |   | Cohen,<br>David Saul              |
| US<br>20030113902<br>A1 | US-<br>PGPUB | 20030619 |  | Rapid method to make<br>OP detoxifying<br>sponges composed of<br>multiple immobilized<br>enzymes of<br>cholinesterases and OP<br>hydrolases and oximes<br>as reactivators | 435/262.5  | 15/244.4  | Gordon,<br>Richard K.<br>et al.   |
| US<br>20030096757<br>A1 | US-<br>PGPUB | 20030522 |  | Anti-cancer and wound<br>healing compounds  | 514/14     | 514/15  | Quirk,<br>Stephen et<br>al.       |
| US<br>20030073808<br>A1 | US-<br>PGPUB | 20030417 |  | Design and use of<br>advanced zinc<br>chelating peptides to<br>regulate matrix<br>metalloproteinases  | 530/350    |   | Quirk,<br>Stephen et<br>al.       |
| US<br>20030052638<br>A1 | US-<br>PGPUB | 20030320 |  | Motor driver and<br>system with phase-<br>spaced redundancy   | 318/599    |   | Cohen,<br>David A. et<br>al.      |
| US<br>20030050589       | US-<br>PGPUB | 20030313 |  | Disposable finger<br>sleeve for appendages  | 602/41     |   | McDevitt,<br>Jason P. et          |

|                         |              |          |  |  |           |  |                                  |
|-------------------------|--------------|----------|--|--|-----------|--|----------------------------------|
| A1                      |              |          |  |  |           |  | al.                              |
| US<br>20030003549<br>A1 | US-<br>PGPUB | 20030102 |  | DETECTION OF<br>HUMAN HEPATITIS<br>B VIRUS SURFACE<br>ANTIGEN<br>MUTANTS BY<br>SPECIFIC<br>AMPLIFICATION<br>AND ITS<br>APPLICATION ON<br>GENE CHIP | 435/110   |  | OON,<br>CHONG-JIN<br>et al.      |
| US<br>20020196435<br>A1 | US-<br>PGPUB | 20021226 |  | Apparatus and<br>methods for separating<br>agglutinants and<br>disperse particles  | 356/246   |  | Cohen,<br>David<br>Samuel et al. |
| US<br>20020194605<br>A1 | US-<br>PGPUB | 20021219 |  | Cableran networking<br>over coaxial cables   | 725/78    | 725/118;<br>725/126  | Cohen,<br>David et al.           |
| US<br>20020194383<br>A1 | US-<br>PGPUB | 20021219 |  | Cableran home<br>networking over<br>coaxial cables   | 709/249   | 710/313  | Cohen,<br>David et al.           |
| US<br>20020173140<br>A1 | US-<br>PGPUB | 20021121 |  | Conductor chemical-<br>mechanical polishing<br>in integrated circuit<br>interconnects  | 438/633   | 257/E21.304;<br>257/E21.583;<br>438/634  | Sahota,<br>Kashmir S.<br>et al.  |
| US<br>20020165620<br>A1 | US-<br>PGPUB | 20021107 |  | Assay for detecting,<br>measuring and<br>monitoring the<br>activities and<br>concentrations of<br>proteins and methods<br>of use thereof           | 700/1     |  | Feaster,<br>Shawn R. et<br>al.   |
| US<br>20020140101<br>A1 | US-<br>PGPUB | 20021003 |  | Stabilizing fluorine<br>etching of low-k<br>materials  | 257/762   | 257/E21.577;<br>257/E21.579  | Yang, Kai et<br>al.              |
| US<br>20020130867<br>A1 | US-<br>PGPUB | 20020919 |  | Method of constructing<br>progressive mesh   | 345/428   |  | Yang, Kai-<br>Shu et al.         |
| US<br>20020122939<br>A1 | US-<br>PGPUB | 20020905 |  | Cationically charged<br>coating on<br>hydrophobic polymer<br>fibers with poly (vinyl<br>alcohol) assist  | 428/394   |  | Wei, Ning et<br>al.              |
| US<br>20020119374<br>A1 | US-<br>PGPUB | 20020829 |  | Nickel-rich quaternary<br>metal oxide materials<br>as cathodes for<br>lithium-ion polymer<br>batteries   | 429/231.1 | 423/263;<br>423/594.4;<br>423/594.6;<br>429/221;<br>429/223;<br>429/224;<br>429/229;<br>429/231.2;<br>429/231.3; | Yang,<br>Kaiyuan et<br>al.       |

|                         |              |          |  |  |            |  |  |                                       |
|-------------------------|--------------|----------|--|--|------------|--|--|---------------------------------------|
|                         |              |          |  |  |            | 429/231.5;<br>429/231.6  |  |                                       |
| US<br>20020098528<br>A1 | US-<br>PGPUB | 20020725 |  | Methods and apparatus<br>for blood typing with<br>optical bio-disc   | 435/7.21   |  |  | Gordon,<br>John F. et al.             |
| US<br>20020086877<br>A1 | US-<br>PGPUB | 20020704 |  | Matrix<br>metalloproteinase<br>inhibitors  | 514/307    | 514/383;<br>514/396;<br>514/445;<br>514/567;<br>514/569;<br>514/621  |  | Quirk,<br>Stephen                     |
| US<br>20020076354<br>A1 | US-<br>PGPUB | 20020620 |  | Apparatus and<br>methods for separating<br>components of<br>particulate suspension   | 422/72     | 422/101;<br>422/82.05;<br>435/287.2;<br>435/6;<br>435/7.9  |  | Cohen,<br>David<br>Samuel             |
| US<br>20020072085<br>A1 | US-<br>PGPUB | 20020613 |  | Method and device for<br>fluid quality<br>measurement  | 435/29     |  |  | Brunner,<br>Michael S. et<br>al.      |
| US<br>20020042783<br>A1 | US-<br>PGPUB | 20020411 |  | Fuzzy inference<br>system for simplifying<br>mesh  | 706/8      |  |  | Chang,<br>Chin-Chen<br>et al.         |
| US<br>20020007605<br>A1 | US-<br>PGPUB | 20020124 |  | Manufactured standard<br>size dwellings having<br>an integral base frame   | 52/238.1   | 52/261;<br>52/270  |  | Cohen,<br>David Leslie<br>et al.      |
| US<br>20020006619<br>A1 | US-<br>PGPUB | 20020117 |  | Thermal cyler that<br>allows two-dimension<br>temperature gradients<br>and hold time<br>optimization                         | 435/6      | 219/447.1;<br>435/287.2  |  | Cohen,<br>David et al.                |
| US<br>20020006550<br>A1 | US-<br>PGPUB | 20020117 |  | Manganese-rich<br>quaternary metal oxide<br>materials as cathodes<br>for lithium-ion and<br>lithium-ion polymer<br>batteries | 429/223    | 423/111;<br>423/138;<br>423/49;<br>423/594.4;<br>423/594.6;<br>423/599;<br>423/600;<br>429/224;<br>429/231.1;<br>429/231.3 |  | Yang,<br>Kaiyuan et<br>al.            |
| US<br>20010047334<br>A1 | US-<br>PGPUB | 20011129 |  | System and method for<br>using existing prepaid<br>card systems for<br>making payments over<br>the internet                  | 705/41     |  |  | Nappe,<br>Victor et al.               |
| US<br>20010044614<br>A1 | US-<br>PGPUB | 20011122 |  | Reducing agents for<br>feminine care products  | 604/385.01 | 604/367  |  | Damay,<br>Emmanuelle<br>Cecile et al. |
| US<br>20010040136<br>A1 | US-<br>PGPUB | 20011115 |  | Cationically charged<br>coating on glass and<br>nonwoven fibers  | 210/767    | 210/502.1;<br>210/508;<br>210/509;<br>427/337;   |  | Wei, Ning et<br>al.                   |

|                  |       |          |  |  |         |   |                                 |
|------------------|-------|----------|--|--|---------|---|---------------------------------|
|                  |       |          |  |  |         | 427/384   |                                 |
| US 7012169<br>B2 | USPAT | 20060314 |  | Disposable finger<br>sleeve for appendages   | 602/41  | 42/43; 42/44;<br>42/45; 42/60;<br>42/61   | McDevitt;<br>Jason P. et<br>al. |
| US 6998241<br>B2 | USPAT | 20060214 |  | Antibody pair<br>screening methods   | 435/7.1 | 435/7.2;<br>435/7.93;<br>435/7.94;<br>436/512;<br>436/513   | Boga;<br>RameshBabu             |
| US 6974860<br>B2 | USPAT | 20051213 |  | Target recognizing<br>binding agents   | 530/350 | 435/69.1  | Quirk;<br>Stephen               |
| US 6956348<br>B2 | USPAT | 20051018 |  | Debris sensor for<br>cleaning apparatus  | 318/580 | 15/319;<br>318/568.12;<br>701/23;<br>701/28   | Landry;<br>Gregg W. et<br>al.   |
| US 6924220<br>B1 | USPAT | 20050802 |  | Self-aligned gate<br>formation using<br>polysilicon polish with<br>peripheral protective<br>layer                                  | 438/593 | 257/315;<br>257/316;<br>438/257;<br>438/594   | Yang; Kai et<br>al.             |
| US 6918824<br>B2 | USPAT | 20050719 |  | Uniform fluid<br>distribution and<br>exhaust system for a<br>chemical-mechanical<br>planarization device                           | 451/285 | 451/527;<br>451/528;<br>451/529   | Marquardt;<br>Dave et al.       |
| US 6906036<br>B2 | USPAT | 20050614 |  | Anti-aging and wound<br>healing compounds  | 514/13  |   | Quirk;<br>Stephen et<br>al.     |
| US 6895976<br>B2 | USPAT | 20050524 |  | Toothbrush and<br>toothpaste tube case   | 132/308 | 206/229;<br>206/277;<br>206/581   | Hetzler;<br>Gayle C. et<br>al.  |
| US 6890561<br>B1 | USPAT | 20050510 |  | Microencapsulated and<br>controlled-release<br>formulations of<br>isoflavone from<br>enriched fractions of<br>soy and other plants | 424/490 | 424/451;<br>424/457;<br>424/458;<br>424/464;<br>424/465;<br>424/468;<br>424/469;<br>424/470;<br>424/489;<br>424/493;<br>424/494;<br>424/495 | Blatt; Yoav<br>et al.           |
| US 6822073<br>B2 | USPAT | 20041123 |  | Modular peptide-based<br>reagent   | 530/324 |   | Quirk;<br>Stephen               |
| US 6815920<br>B2 | USPAT | 20041109 |  | Motor driver and<br>system with phase-<br>spaced redundancy  | 318/599 | 318/51;<br>318/53;<br>318/55  | Cohen;<br>David A. et<br>al.    |
| US 6759193<br>B2 | USPAT | 20040706 |  | Detection of human<br>hepatitis B virus<br>surface antigen<br>mutants by specific  | 435/6   | 435/5;<br>435/91.2;<br>536/23.72;<br>536/24.3;  | Oon; Chong-<br>Jin et al.       |

|               |       |          |  |  |         |  |                           |
|---------------|-------|----------|--|--|---------|--|---------------------------|
|               |       |          |  | amplification and its application on gene chip   |         | 536/24.33  |                           |
| US 6746850 B2 | USPAT | 20040608 |  | Assay for detecting, measuring and monitoring the activities and concentrations of proteins and methods of use thereof   | 435/20  |  | Feaster; Shawn R. et al.  |
| US 6734559 B1 | USPAT | 20040511 |  | Self-aligned semiconductor interconnect barrier and manufacturing method therefor  | 257/751 | 257/750; 257/E23.145; 438/652  | Yang; Kai et al.          |
| US 6711760 B1 | USPAT | 20040330 |  | Self-lock hub unit of lower frame of a foldable playyard   | 5/99.1  | 16/324; 5/93.1   | Yang; Kai-Ming            |
| US 6699785 B2 | USPAT | 20040302 |  | Conductor abrasiveness chemical-mechanical polishing in integrated circuit interconnects   | 438/639 | 257/774; 257/E21.304; 257/E21.583; 438/637                                       | Yang; Kai et al.          |
| US 6696254 B2 | USPAT | 20040224 |  | Detection and identification of enteric bacteria   | 435/6   | 435/91.1; 435/91.2; 536/23.1; 536/23.2; 536/23.7; 536/24.3; 536/24.32; 536/24.33 | Quirk; Stephen            |
| US 6673447 B2 | USPAT | 20040106 |  | Cationically charged coating on hydrophobic polymer fibers with poly (vinyl alcohol) assist  | 428/375 | 162/164.2; 162/164.3; 210/193; 210/500.1; 428/221; 428/357; 428/373              | Wei; Ning et al.          |
| US 6667151 B1 | USPAT | 20031223 |  | Vaccines and immunotherapeutics derived from the human immunodeficiency virus (HIV) trans-activator of transcription protein for the treatment and prevention of HIV disease | 435/5   | 424/188.1; 435/325; 435/372; 435/374; 435/7.1                                    | Cohen; David I.           |
| US 6642037 B2 | USPAT | 20031104 |  | Preparation of enzymatically active sponges or foams for detoxification of   | 435/182 | 435/180; 435/262.5   | Gordon; Richard K. et al. |

|                  |       |          |  |  |           |  |                               |
|------------------|-------|----------|--|--|-----------|--|-------------------------------|
|                  |       |          |  | hazardous compounds  |           |  |                               |
| US 6623886<br>B2 | USPAT | 20030923 |  | Nickel-rich quaternary metal oxide materials as cathodes for lithium-ion and lithium-ion polymer batteries | 429/218.1 | 429/219;<br>429/220;<br>429/221;<br>429/223;<br>429/224;<br>429/229;<br>429/231.1;<br>429/231.2;<br>429/231.3;<br>429/231.5;<br>429/231.6;<br>429/231.95;<br>429/233 | Yang;<br>Kaiyuan et al.       |
| US 6605843<br>B1 | USPAT | 20030812 |  | Fully depleted SOI device with tungsten damascene contacts and method of forming same                      | 257/347   | 257/348;<br>257/388;<br>257/E21.415;<br>257/E29.277;<br>257/E29.278;<br>257/E29.281  | Krivokapic;<br>Zoran et al.   |
| US 6600057<br>B2 | USPAT | 20030729 |  | Matrix metalloproteinase inhibitors  | 552/298   |  | Quirk;<br>Stephen             |
| US 6596637<br>B1 | USPAT | 20030722 |  | Chemically preventing Cu dendrite formation and growth by immersion  | 438/687   | 257/E21.251;<br>257/E21.304;<br>438/691;<br>438/745;<br>438/963  | Schonauer;<br>Diana M. et al. |
| US 6537614<br>B1 | USPAT | 20030325 |  | Cationically charged coating on hydrophobic polymer fibers with poly (vinyl alcohol) assist                | 427/331   | 264/41;<br>264/48;<br>427/296;<br>427/372.2;<br>427/381;<br>427/384  | Wei; Ning et al.              |
| US 6468894<br>B1 | USPAT | 20021022 |  | Metal interconnection structure with dummy vias  | 438/622   | 257/E21.576;<br>257/E21.58;<br>257/E23.145;<br>257/E23.167;<br>438/253;<br>438/644;<br>438/678;<br>438/685   | Yang; Kai et al.              |
| US 6410442<br>B1 | USPAT | 20020625 |  | Mask-less differential etching and planarization of copper films   | 438/692   | 216/105;<br>216/38;<br>216/88;<br>216/92;<br>438/745;<br>438/748;<br>438/754   | Yang; Kai                     |
| US 6410418<br>B1 | USPAT | 20020625 |  | Recess metallization via selective insulator formation on  | 438/626   | 438/633;<br>438/637;<br>438/641;   | Yang; Kai                     |

|                  |       |          |  |  |         |  |                                  |
|------------------|-------|----------|--|--|---------|--|----------------------------------|
|                  |       |          |  | nucleation/seed layer  |         | 438/687  |                                  |
| US 6406876<br>B1 | USPAT | 20020618 |  | Immobilized enzymes<br>biosensors for<br>chemical toxins   | 435/20  | 435/18;<br>435/19;<br>435/25;<br>435/28;<br>435/283.1;<br>435/286.5;<br>435/287.1;<br>435/289.1;<br>435/963;<br>435/970  | Gordon;<br>Richard K.<br>et al.  |
| US 6399295<br>B1 | USPAT | 20020604 |  | Use of wicking agent<br>to eliminate wash steps<br>for optical diffraction-<br>based biosensors  | 435/5   | 356/305;<br>356/317;<br>356/318;<br>385/12;<br>385/129;<br>385/130;<br>385/131;<br>422/82.11;<br>435/287.1;<br>435/287.2;<br>435/288.7;<br>435/6;<br>435/7.1;<br>435/7.2;<br>435/7.31;<br>435/7.32;<br>435/7.34;<br>435/7.37;<br>435/808;<br>436/164;<br>436/165;<br>436/518;<br>436/524;<br>436/525;<br>436/527;<br>436/805 | Kaylor;<br>Rosann M.<br>et al.   |
| US 6350687<br>B1 | USPAT | 20020226 |  | Method of fabricating<br>improved copper<br>metallization including<br>forming and removing<br>passivation layer<br>before forming<br>capping film | 438/687 | 257/E21.174;<br>257/E21.582;<br>257/E21.584;<br>438/618;<br>438/622;<br>438/637;<br>438/672;<br>438/675;<br>438/678;<br>438/958;<br>438/976  | Avanzino;<br>Steven C. et<br>al. |
| US 6350678<br>B1 | USPAT | 20020226 |  | Chemical-mechanical<br>polishing of<br>semiconductors  | 438/633 | 257/E21.304;<br>257/E21.583;<br>438/622;<br>438/687;<br>438/690;   | Pramanick;<br>Shekhar et<br>al.  |



|                  |       |          |  |  |          |  |                                  |
|------------------|-------|----------|--|--|----------|--|----------------------------------|
|                  |       |          |  |  |          | 438/692;<br>438/693  |                                  |
| US 6350543<br>B1 | USPAT | 20020226 |  | Manganese-rich<br>quaternary metal oxide<br>materials as cathodes<br>for lithium-ion and<br>lithium-ion polymer<br>batteries | 429/224  | 429/231.1  | Yang;<br>Kaiyuan et<br>al.       |
| US 6340478<br>B1 | USPAT | 20020122 |  | Microencapsulated and<br>controlled-release<br>herbal formulations   | 424/489  | 424/451;<br>424/464;<br>424/490;<br>424/730  | Blatt; Yoav<br>et al.            |
| US 6332989<br>B1 | USPAT | 20011225 |  | Slurry for chemical<br>mechanical polishing<br>of copper   | 252/79.1 | 106/3;<br>252/79.2;<br>257/E21.304;<br>257/E21.577;<br>451/36                              | Yang; Kai et<br>al.              |
| US 6319833<br>B1 | USPAT | 20011120 |  | Chemically preventing<br>copper dendrite<br>formation and growth<br>by spraying  | 438/687  | 257/762;<br>257/E21.304;<br>257/E21.583;<br>438/633;<br>438/691;<br>438/692;<br>438/756    | Schonauer;<br>Diana M. et<br>al. |
| US 6270803<br>B1 | USPAT | 20010807 |  | Controlled-release<br>garlic formulations  | 424/489  | 424/468;<br>424/476;<br>424/494  | Blatt; Yoav<br>et al.            |
| US 6259115<br>B1 | USPAT | 20010710 |  | Dummy patterning for<br>semiconductor<br>manufacturing<br>processes  | 257/48   | 257/170;<br>257/354;<br>257/E21.304;<br>257/E21.58;<br>257/E21.583                         | You; Lu et<br>al.                |
| US 6253504<br>B1 | USPAT | 20010703 |  | Manufacturing facility<br>for production of<br>standard size dwellings   | 52/143   | 52/745.2   | Cohen;<br>David Leslie<br>et al. |
| US 6238939<br>B1 | USPAT | 20010529 |  | Method of quality<br>control in<br>semiconductor device<br>fabrication   | 438/14   | 257/E21.525;<br>257/E21.53;<br>382/151   | Wachs;<br>Amir et al.            |
| US 6225013<br>B1 | USPAT | 20010501 |  | Stitching design rules<br>for forming<br>interconnect layers   | 430/30   | 430/22;<br>430/5   | Cohen;<br>David et al.           |
| US 6218290<br>B1 | USPAT | 20010417 |  | Copper dendrite<br>prevention by chemical<br>removal of dielectric   | 438/633  | 257/E21.251;<br>257/E21.304;<br>257/E21.583;<br>438/12;<br>438/626;<br>438/627;<br>438/906 | Schonauer;<br>Diana M. et<br>al. |
| US 6207569<br>B1 | USPAT | 20010327 |  | Prevention of Cu<br>dendrite formation and<br>growth   | 438/692  | 257/E21.304;<br>257/E21.583;<br>438/633  | Schonauer;<br>Diana M. et<br>al. |

|                  |       |          |  |   |         |   |                                    |
|------------------|-------|----------|--|---|---------|---|------------------------------------|
| US 6197690<br>B1 | USPAT | 20010306 |  | Chemically preventing<br>Cu dendrite formation<br>and growth by double<br>sided scrubbing | 438/691 | 257/E21.582;<br>257/E21.583;<br>438/633;<br>438/690;<br>438/692             | Schonauer;<br>Diana M. et<br>al.   |
| US 6194105<br>B1 | USPAT | 20010227 |  | Method of forming<br>reticle from larger size<br>reticle information                      | 430/5   | 430/30  | Shacham;<br>Amit et al..           |
| US 6177349<br>B1 | USPAT | 20010123 |  | Preventing Cu dendrite<br>formation and growth  | 438/687 | 257/E21.58;<br>257/E21.583;<br>438/692;<br>438/745;<br>438/754              | Schonauer;<br>Diana M. et<br>al.   |
| US 6169034<br>B1 | USPAT | 20010102 |  | Chemically removable<br>Cu CMP slurry<br>abrasive   | 438/693 | 134/1.3;<br>257/E21.304;<br>438/687   | Avanzino;<br>Steven C. et<br>al.   |
| US 6162727<br>A  | USPAT | 20001219 |  | Chemical treatment for<br>preventing copper<br>dendrite formation and<br>growth           | 438/687 | 257/E21.576;<br>257/E21.583;<br>438/691;<br>438/745;<br>438/963             | Schonauer;<br>Diana M. et<br>al.   |
| US 6144143<br>A  | USPAT | 20001107 |  | Cyclotron displays  | 313/62  | 313/359.1;<br>315/502   | Horng;<br>Herng-Er et<br>al.       |
| US 6143656<br>A  | USPAT | 20001107 |  | Slurry for chemical<br>mechanical polishing<br>of copper                                  | 438/687 | 257/E21.304;<br>257/E21.577;<br>438/633;<br>438/691;<br>438/692;<br>438/693 | Yang; Kai et<br>al.                |
| US 6140239<br>A  | USPAT | 20001031 |  | Chemically removable<br>Cu CMP slurry<br>abrasive   | 438/692 | 257/E21.304;<br>438/693;<br>438/694;<br>438/697;<br>438/745;<br>438/754     | Avanzino;<br>Steven C. et<br>al.   |
| US 6127420<br>A  | USPAT | 20001003 |  | L-N.sup.5 -(1-imino-3-<br>alkenyl) ornithine and<br>related compounds and<br>use thereof  | 514/564 | 562/560   | Griffith;<br>Owen W. et<br>al.     |
| US 6113462<br>A  | USPAT | 20000905 |  | Feedback loop for<br>selective conditioning<br>of chemical<br>mechanical polishing<br>pad | 451/5   | 451/443;<br>451/56  | Yang; Kai                          |
| US 6103085<br>A  | USPAT | 20000815 |  | Electroplating<br>uniformity by diffuser<br>design  | 205/143 | 205/122;<br>205/123;<br>205/133;<br>257/E21.175                             | Woo;<br>Christy Mei-<br>Chu et al. |
| US 6074949<br>A  | USPAT | 20000613 |  | Method of preventing<br>copper dendrite<br>formation and growth                           | 438/692 | 252/79.4;<br>257/E21.251;<br>438/754;                                       | Schonauer;<br>Diana M. et<br>al.   |

|                 |       |          |  |   |          |  |                            |
|-----------------|-------|----------|--|---|----------|--|----------------------------|
|                 |       |          |  |   |          | 438/756;<br>438/757  |                            |
| US 6061141<br>A | USPAT | 20000509 |  | Method and system for detecting gases or vapors in a monitored area             | 356/437  | 356/411  | Goldenberg; Ephraim et al. |
| US 6037316<br>A | USPAT | 20000314 |  | Water soluble abrasive composition containing borax pentahydrate                | 510/238  | 510/365;<br>510/418;<br>510/424;<br>510/427;<br>510/460;<br>510/465;<br>510/503;<br>510/509                              | Garner; Denise A. et al.   |
| US 6004512<br>A | USPAT | 19991221 |  | Sample cartridge slide block  | 422/63   | 219/520;<br>219/521;<br>422/104;<br>435/303.1;<br>436/183;<br>436/43   | Titcomb; Paul et al.       |
| US 6000192<br>A | USPAT | 19991214 |  | Method of production of standard size dwellings                                 | 52/745.2 | 52/143   | Cohen; David Leslie et al. |
| US 5962866<br>A | USPAT | 19991005 |  | Microbridge superconductor device utilizing stepped junctions                   | 257/33   | 257/31;<br>257/32;<br>257/E39.015;<br>505/190;<br>505/238;<br>505/329  | Dilorio; Mark S. et al.    |
| US 5806318<br>A | USPAT | 19980915 |  | Cooling using a cryogenic liquid and a contacting gas                           | 62/46.1  | 220/88.3;<br>257/E23.096;<br>62/51.1   | Dilorio; Mark S. et al.    |
| US 5765665<br>A | USPAT | 19980616 |  | Brake assembly for simultaneously holding a pair of wheels                      | 188/20   | 188/1.12;<br>188/22;<br>188/31   | Cheng; Kenny et al.        |
| US 5644357<br>A | USPAT | 19970701 |  | Burst driving of single-panel display   | 348/196  | 348/742  | Cohen; David A. et al.     |
| US 5595959<br>A | USPAT | 19970121 |  | Method of forming a high-TC microbridge superconductor device                   | 505/329  | 204/192.24;<br>257/E39.015;<br>427/62;<br>427/63;<br>505/190;<br>505/475;<br>505/500;<br>505/702;<br>505/731;<br>505/742 | Dilorio; Mark S. et al.    |
| US 5542043<br>A | USPAT | 19960730 |  | Method and system for automatically generating efficient test cases for systems | 714/32   | 702/108;<br>714/739  | Cohen; David M. et al.     |

|              |       |          |  |  |          |  |  |                           |
|--------------|-------|----------|--|--|----------|--|--|---------------------------|
|              |       |          |  | having interacting elements  |          |  |  |                           |
| US 5528592 A | USPAT | 19960618 |  | Method and apparatus for route processing asynchronous transfer mode cells                                 | 370/397  | 370/399  |  | Schibler; Ross M. et al.  |
| US 5393305 A | USPAT | 19950228 |  | Two-part aqueous composition for coloring hair, which forms a gel on mixing of the two parts               | 8/406    | 8/405; 8/408; 8/410; 8/412; 8/435; 8/554; 8/557; 8/558 |  | Cohen; David et al.       |
| US 5367178 A | USPAT | 19941122 |  | High-TC microbridge superconductor device utilizing stepped edge-to-edge SNS junction                      | 505/190  | 257/31; 257/33; 257/34; 257/35; 257/E39.015            |  | DiIorio; Mark S. et al.   |
| US 5313620 A | USPAT | 19940517 |  | Selective receiver for each processor in a multiple processor system                                       | 713/375  | 713/601  |  | Cohen; David M. et al.    |
| US 5165222 A | USPAT | 19921124 |  | Racing blanket for greyhound dogs  | 54/79.2  | 40/303   |  | Cohen; David S. et al.    |
| US 5161553 A | USPAT | 19921110 |  | Process for simultaneously waving and coloring hair  | 132/205  |  |  | Cohen; David et al.       |
| US 5134117 A | USPAT | 19920728 |  | High T.sub.C microbridge superconductor device utilizing stepped edge-to-edge SNS junction                 | 505/162  | 257/33; 257/35; 257/36; 257/E39.015; 505/190           |  | DiIorio; Mark S. et al.   |
| US 5044322 A | USPAT | 19910903 |  | Strap device   | 119/863  | 119/832; 119/907                                       |  | Cohen; David S. et al.    |
| US 5031766 A | USPAT | 19910716 |  | Carry-along garment bag  | 206/289  | 190/102; 190/108; 206/287.1                            |  | Cohen; David A.           |
| US 4919051 A | USPAT | 19900424 |  | Proximity detector mine system   | 102/404  | 102/211; 102/427                                       |  | Cohen; David              |
| US 4816744 A | USPAT | 19890328 |  | Method and device for measuring inside diameters using a laser interferometer and capacitance measurements | 324/662  | 324/661; 324/684; 33/707; 356/486; 356/501             |  | Papurt; David M. et al.   |
| US 4775236 A | USPAT | 19881004 |  | Laser based roundness and diameter gaging system and method of using same                                  | 356/640  |  |  | Cohen; David A. et al.    |
| US 4770873 A | USPAT | 19880913 |  | Neutralizing composition and method for hair   | 424/70.2 | 424/62   |  | Wolfram; Leszek J. et al. |

|              |       |          |  |   |           |  |  |                           |
|--------------|-------|----------|--|---|-----------|--|--|---------------------------|
|              |       |          |  | waving and straightening  |           |  |  |                           |
| US 4679144 A | USPAT | 19870707 |  | Cardiac signal real time monitor and method of analysis   | 600/516   | 600/515; 600/518; 600/523  |  | Cox; Michael W. et al.    |
| US 4678337 A | USPAT | 19870707 |  | Laser based gaging system and method of using same  | 356/640   |  |  | Cohen; David A. et al.    |
| US 4663158 A | USPAT | 19870505 |  | Hair conditioning composition containing cationic polymer and amphoteric surfactant and method for use                | 424/70.16 | 424/70.21; 8/405; 8/406  |  | Wolfram; Leszek J. et al. |
| US 4416297 A | USPAT | 19831122 |  | Hair waving or straightening process and product  | 132/205   | 424/70.17; 424/70.2; 424/70.21; 424/70.22                                      |  | Wolfram; Leszek J. et al. |
| US 4228548 A | USPAT | 19801021 |  | Athletic glove  | 2/161.1   | 2/917; 473/62; D29/113   |  | Cohen; David L.           |
| US 4218498 A | USPAT | 19800819 |  | Process for preparing a polymeric film  | 427/336   | 427/340; 427/385.5; 427/387; 427/388.5; 427/407.1; 427/409                     |  | Cohen; David L.           |
| US 4203452 A | USPAT | 19800520 |  | Efficiency of human learning employing the electroencephalograph and a long-term learning diagnostic-remedial process | 600/545   | 237/12.3A  |  | Cohen; David B.           |
| US 4196145 A | USPAT | 19800401 |  | Dyeing keratin fibers with 2-substituted m-toluenediamines  | 564/305   | 558/394; 564/389; 564/396; 564/399; 564/404; 564/418; 564/423; 564/443; 564/99 |  | Halasz; Alexander et al.  |
| US 4104564 A | USPAT | 19780801 |  | High switching speed high voltage power supply  | 315/171   | 315/376; 342/175; 348/380  |  | Cohen; David A. et al.    |
| US 4092102 A | USPAT | 19780530 |  | Dyeing keratin fibers with 2-substituted m-toluenediamines  | 8/411     |  |  | Halasz; Alexander et al.  |
| US 4049044 A | USPAT | 19770920 |  | Heating and cooling system consumption meter  | 165/11.1  | 165/DIG.2; 236/94; 374/39; 62/126;   |  | Cohen; David J.           |

|                 |       |          |  |   |           |  |                             |
|-----------------|-------|----------|--|---|-----------|--|-----------------------------|
|                 |       |          |  |   |           | 708/826  |                             |
| US 4021486<br>A | USPAT | 19770503 |  | Hydroxyalkyl-amino nitrodiphenylamine compounds useful as hair dyes                           | 564/434   | 424/47;<br>560/138;<br>564/218;<br>564/406;<br>564/433;<br>564/441;<br>8/414; 8/415        | Halasz;<br>Alexander et al. |
| US 3950127<br>A | USPAT | 19760413 |  | Hair dye compositions containing nitrodiphenylamine dyes and method for dyeing hair therewith | 8/414     | 424/47;<br>560/138;<br>564/221;<br>564/406;<br>564/433;<br>564/434                         | Halasz;<br>Alexander et al. |
| US 3918810<br>A | USPAT | 19751111 |  | Ambient light excluding camera adapter with viewing hood                                      | 355/18    | 346/107.2;<br>347/226;<br>355/20;<br>355/39;<br>355/71;<br>359/611;<br>396/419;<br>396/429 | Cohen;<br>David A.          |
| US 3865590<br>A | USPAT | 19750211 |  | Gravure printing plates   | 430/307   | 430/329  | Cohen;<br>David Lionel      |
| US 3845843<br>A | USPAT | 19741105 |  | VEHICLE DOOR PROXIMITY DETECTOR SYSTEM  | 187/317   |  | Cohen;<br>David J.          |
| US 3795417<br>A | USPAT | 19740305 |  | ELECTRICALLY OPERATED COIN BOX LOCK   | 292/144   | 232/15;<br>70/282  | Cohen;<br>David J.          |
| US 3582191<br>A | USPAT | 19710601 |  | THREE-DIMENSIONAL INDIRECT OPHTHALMOSCOPE   | 351/221   | 351/205;<br>359/880;<br>600/111;<br>600/248  | Cohen;<br>David N. et al.   |
| US 3557777<br>A | USPAT | 19710126 |  | MAGNETIC STUDY OF BIOELECTRIC PHENOMENA   | 600/409   | 174/35MS;<br>324/258;<br>600/595   | Cohen;<br>David             |
| US 3499536<br>A | USPAT | 19700310 |  | FILTER APPARATUS [TEXT AVAILABLE IN USOCR DATABASE]   | 210/391   | 210/411  | COHEN<br>DAVID              |
| US 3459335<br>A | USPAT | 19690805 |  | MANUAL DISPENSER FOR HEATED ADHESIVE [TEXT AVAILABLE IN USOCR DATABASE]                       | 222/146.2 | 219/227;<br>219/230;<br>222/146.1;<br>222/209  | COHEN<br>DAVID J et al.     |
| US 3457647<br>A | USPAT | 19690729 |  | SHOE-SIZE INDICATING APPARATUS [TEXT AVAILABLE IN   | 33/3R     | 250/221;<br>33/515;<br>340/678   | COHEN<br>DAVID J et al.     |

|                 |       |          |  |   |            |   |  |                               |
|-----------------|-------|----------|--|---|------------|---|--|-------------------------------|
|                 |       |          |  | USOCR DATABASE]   |            |   |  |                               |
| US 3440331<br>A | USPAT | 19690422 |  | CEILING FIXTURE<br>ADAPTER [TEXT<br>AVAILABLE IN<br>USOCR DATABASE]   | 174/61     | 248/343;<br>52/28   |  | COHEN<br>DAVID A              |
| US 3438263<br>A | USPAT | 19690415 |  | FLUID SAMPLE<br>COLLECTOR [TEXT<br>AVAILABLE IN<br>USOCR DATABASE]  | 73/863.86  | 73/864.91   |  | COHEN<br>DAVID et<br>al.      |
| US 3416516<br>A | USPAT | 19681217 |  | Blood pressure cuff<br>transducer [TEXT<br>AVAILABLE IN<br>USOCR DATABASE]  | 600/499    | 181/131;<br>381/67  |  | COHEN<br>DAVID D et<br>al.    |
| US 3404393<br>A | USPAT | 19681001 |  | Alarm system [TEXT<br>AVAILABLE IN<br>USOCR DATABASE]   | 379/44     | 340/286.05;<br>340/517;<br>340/529;<br>340/533;<br>340/538;<br>340/542;<br>340/545.9;<br>379/102.06 |  | BLIVICE<br>SIDNEY L<br>et al. |
| US 3357426<br>A | USPAT | 19671212 |  | Adherent face mask<br>having a quick<br>disconnect fitting and<br>disposable components<br>[TEXT AVAILABLE<br>IN USOCR<br>DATABASE] | 128/202.27 | 128/206.25  |  | COHEN<br>DAVID D              |
| US 3356840<br>A | USPAT | 19671205 |  | Electric light fixture<br>mounting [TEXT<br>AVAILABLE IN<br>USOCR DATABASE]   | 174/54     | 248/222.51;<br>248/343  |  | COHEN<br>DAVID A              |
| US 3302918<br>A | USPAT | 19670207 |  | Ceiling attachment for<br>lighting fixtures<br>[TEXT AVAILABLE<br>IN USOCR<br>DATABASE]   | 248/343    | 362/404   |  | COHEN<br>DAVID A              |
| US 3290654<br>A | USPAT | 19661206 |  | Information handling<br>system [TEXT<br>AVAILABLE IN<br>USOCR DATABASE]   | 703/13     | 360/69  |  | RETTIG<br>ALBERT S<br>et al.  |
| US 3197742<br>A | USPAT | 19650727 |  | Search apparatus<br>[TEXT AVAILABLE<br>IN USOCR<br>DATABASE]  | 707/6      | 340/146.2   |  | RETTIG<br>ALBERT S<br>et al.  |
| US 2857830<br>A | USPAT | 19581028 |  | Color slide negative<br>printer and duplicator<br>[TEXT AVAILABLE<br>IN USOCR<br>DATABASE]  | 355/123    |   |  | COHEN<br>DAVID B              |
| US 2661011<br>A | USPAT | 19531201 |  | Umbrella construction<br>[TEXT AVAILABLE  | 135/33.4   |   |  | COHEN<br>DAVID M              |

|                 |       |          |  |  |          |                    |  |                  |
|-----------------|-------|----------|--|--|----------|--------------------|--|------------------|
|                 |       |          |  | IN USOCR<br>DATABASE]  |          |                    |  |                  |
| US 2475446<br>A | USPAT | 19490705 |  | Umbrella construction<br>[TEXT AVAILABLE<br>IN USOCR<br>DATABASE]  | 135/33.6 | 411/373            |  | COHEN<br>DAVID M |
| US 2362974<br>A | USPAT | 19441121 |  | Brassiere [TEXT<br>AVAILABLE IN<br>USOCR DATABASE]   | 450/59   | 450/61;<br>D2/707  |  | COHEN<br>DAVID I |
| US 2205467<br>A | USPAT | 19400625 |  | Container cover<br>[TEXT AVAILABLE<br>IN USOCR<br>DATABASE]  | 217/56   | 217/3BC;<br>40/310 |  | COHEN<br>DAVID L |
| US 1821496<br>A | USPAT | 19310901 |  | Radio and sound<br>reproducing and<br>recording device<br>[TEXT AVAILABLE<br>IN USOCR<br>DATABASE]                           | 369/6    | 369/1; 369/4       |  | COHEN<br>DAVID G |
| US 1821495<br>A | USPAT | 19310901 |  | Combined radio<br>phonograph recorder,<br>phonograph, radio and<br>circuit therefor [TEXT<br>AVAILABLE IN<br>USOCR DATABASE] | 369/7    | 369/131            |  | COHEN<br>DAVID G |